

ABSTRACT

This invention generally relates to novel compositions and methods for the treatment of certain cancers. Additionally, this invention relates to novel compositions and methods to screen drugs for the treatment of certain cancers. Specifically, the invention contemplates that temozolomide and methoxyamine, in combination or in sequence, shall be used as a treatment for certain tumors that are resistant to treatment by temozolomide alone. Additionally, methoxyamine is contemplated for methods of treatment of cancer, wherein methoxyamine is used, in combination or in sequence, with other anticancer drugs or agents.